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Test plan for Console Implementation and GUI Implementation				
Test No.	Test Case	Description	Expected Result	True/False
01	Invalid user inputs	User can only select the given menu options. If user enters an invalid inputs like number or letter	Print try again with valid inputs. The menu will repeat until the user provides valid input.	True
02	Add a new doctor(Enter "1")	When entering "1" it runs and ask doctor's first name, surname, date of birth, contact number, Mlicence and specilaisation.	Successfully Adding those details to the doctor's list.	True
	Doctor's date of birth validation	Date validated for "DD/MM/YYYY" . If user input wrong format it says, try again with valid inputs.	Date only validated for "DD/MM/YYYY".	True
	Doctor's contact number validation	validated only for 10 digits. If user insert String or more than 10 digits, it shows try again with valid inputs.	Contact number Only validated for 10 digits.	True
03	Delete a doctor(Enter "2")	When entering "2" it runs and asks doctor's first name and the surname	After the user gives those details, the relevant doctor will be deleted from the doctor list.	True
04	View all doctors("Enter 3")	When entering "3" it runs and shows all the doctors that have been added to the doctor's list.	Displays all added doctors.	True
05	Save details (Enter "4")	When entering "4" it runs, and the given details save in a text file.	the given details save in a text file.	True
06	Open GUI (Enter "5")	When entering " 5" it runs and open the GUI.	Opening GUI	True
07	In the GUI Doctor List icon	When clicking Doctor List icon, it displays all the doctor details that have been saved in the console.	shows all the doctor details collected in the console.	True
08	Descending and Ascending buttons in the doctor list.	After clicking the Ascending and Descending buttons, the list of doctors is displayed in alphabetical order.	Displays the doctor list in alphabetical order.	True

09	Home button in the Doctor List	Return to the GUI menu	Return to the GUI menu	True
10	In the GUI Add Patient icon	<p>After clicking the Add Patient icon, it will display a form for patient information.</p> <p>In this form asks details like, patient Id, patient first name, last name, contact number, a time slot selected, date of birth, consultation cost, and consultation note.</p>	Display form to get patient details.	True
11	Available doctor button in Add Patient	After clicking available doctor button, it shows all the doctors available in that specific date/time.	Show all the doctors available in that specific date/time.	True
12	Submit button in Add patient	After clicking submit button , submitted all the patient details.	Submitted the details.	
13	Home button in the Add Patient	Return to the GUI Hospital manager menu	Return to the GUI Hospital manager menu.	True
14	View consultation booking icon	After clicking consultation booking icon, displays the details of the added consultation. In this asks selected time slot, patient first name and surname	Show the consultation details for specific patient.	
15	Home button in the consultation booking	Return to the GUI menu	Return to the GUI menu.	True
16	Exit button	Exiting the GUI menu.	Exiting the GUI menu.	True